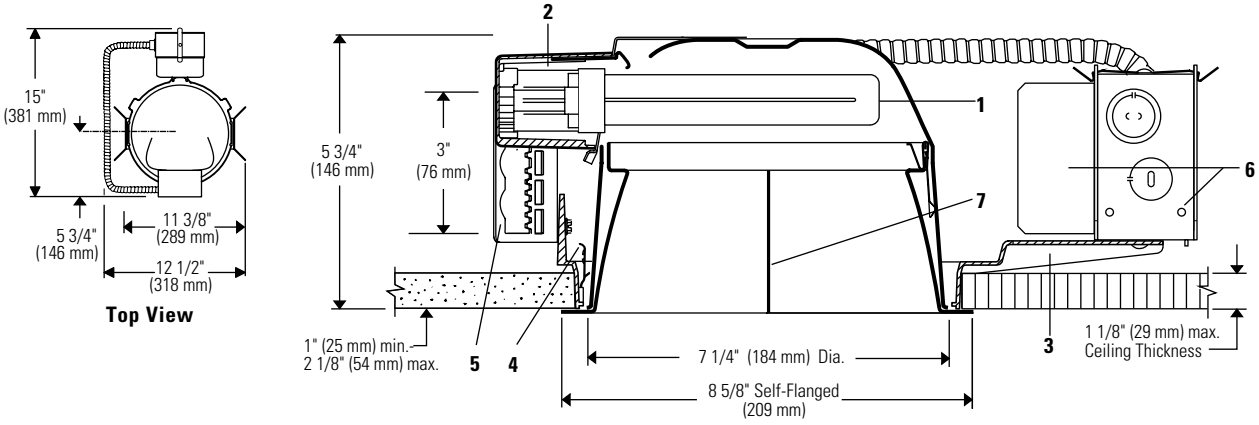
Calculite® CFL Open Downlight **8096CB**

7 3/8" Aperture (2) Quad Tube Cross Blade Louver



Reflector Trim		Frame-In Kit
8096CBW	White Cone, White Flange	**S7218HU** 7" aperture, 2 lamp 18W Quad Tube CFL (120/277V) 2-pin and 4-pin
8096CBA	Aluminum Cone, White Flange	**S7226HU** 7" aperture, 2 lamp 26W Quad Tube CFL (120/277V) 2-pin and 4-pin

Dimming Options:

S7218H ☐ or **S7226H** ☐

CU3	Lightolier PowerSpec 3% Dimming (120/277V)	**J1LD3**	Lutron 3% Dimming (120V)
J2LD3	Lutron 3% Dimming (277V)	**JUM7**	Mark 7 Dimming (120/277V
J1MX	Mark 10 Dimming (120V)	**J2MX**	Mark 10 Dimming (277V)

Other dimming product available, please consult factory

Features

1. **Reflector:** 16 ga. Die-formed aluminium, Anobrite® finish.
2. **Socket Cup:** Die-cast zinc cup effectively dissipates heat and positions lamp holder. Snaps onto reflector neck to assure consistently correct optical alignment without tools.
3. **Mounting Frame:** Die-cast aluminum for dry or plaster ceilings. Accepts other 7" quad tube reflectors.
4. **Retaining Springs:** Precision-tooled steel friction springs secure reflector to mounting frame for quick, tool-less installation.
5. **Mounting Brackets:** 16 ga. steel. Adjust from inside of fixture. Use 3/4" or 1 1/2" lathing channel, 1/2" EMT, or optional mounting bars.
6. **Ballast/J-Box:** Outboard mounted to reduce heat transfer and maintain lamp efficacy and life. Service from below without tools.
7. **Cross Blade Louver:** Die-formed, 16 ga. Aluminum, matte white or painted aluminum finish. Accepts lens (consult factory). 50° cut-off to lamp, medium beam. Keyed for orientation.

Electrical

Note: For ballast electrical data and latest lamp/ballast compatibility refer to **"Ballast"** specification sheet for complete electrical data.

UL listed for through branch circuit wiring with max of (8) No. 12 AWG, 90°C supply conductors.

Options and Accessories

Other Louver Finishes

Consult Factory

Emergency	Add suffix **EM***
Chicago Plenum	Add suffix **LC**
Existing/Thk. Ceiling	**FA EC7***

Options and Accessories (continued)

Emergency Ltg. Kit	**FA EM3E*(4 pin)**
	FA EM4E*(4 pin)
	FA EM2T*(2 pin)
Fuse (Slow Blow)	Add suffix **F**

*See Spec. Sheets: FAEC, FAEM

Mounting Bars & Accessories; see Specification Sheet MBA.
Sloped Ceiling Adapters; see Specification Sheet SCA.

Labels

UL listed for damp locations, I.B.E.W.

Alzak® is a registered trademark of ALCOA.
US Patent Pending.

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

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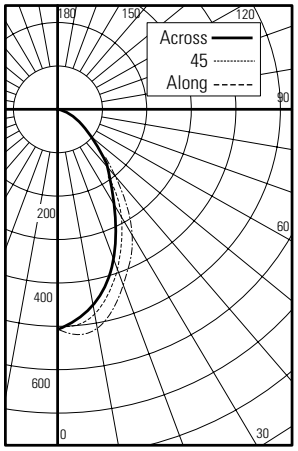
18W

Spacing Ratio = 0.8

CERTIFIED TEST REPORT NO. LSI 12561
CALCULITE COMPACT FLUORESCENT
DIFFUSE REFLECTOR WITH WHITE PAINTED 4 CELL LOUVER
2-18W SYLVANIA DULUX D/E FLUORESCENT LAMPS, LUMEN RATING = 1250 LMS.



	CANDLEPOWER					
ANGLE	ALONG	22.5	45	67.5	ACROSS	LUMENS
0	513	513	513	513	513	
5	525	511	504	495	495	48
10	513	495	481	466	461	
15	477	453	439	422	415	122
20	430	406	380	364	358	
25	375	354	329	305	303	151
30	325	296	271	247	247	
35	253	233	183	193	198	133
40	188	169	155	148	148	
45	128	118	109	109	103	88
50	82	56	76	78	74	
55	53	61	58	57	58	54
60	50	48	46	45	46	
65	39	37	36	35	35	36
70	29	28	27	26	26	
75	20	19	19	18	18	20
80	12	12	12	11	11	
85	6	6	5	5	5	
90	0	0	0	0	0	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	321	12.88	48.92
0-40	454	18.18	69.08
0-60	595	23.82	90.52
0-90	657	26.32	100.00
40-90	203	8.14	30.92
60-90	62	2.49	9.48
90-180	0	.00	.00
0-180	657	26.32	100.00

**** EFFICIENCY =26.3% ****
DATE: JUL 13, 1996

Coefficients of Utilization

% EFFECTIVE CEILING CAVITY REFLECTANCE

	80			70			50			30			10			0
	% WALL REFLECTANCE															
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.29	.28	.27	.28	.27	.27	.27	.26	.26	.26	.25	.25	.25	.25	.24	
2	.26	.25	.24	.26	.25	.24	.25	.24	.23	.24	.23	.23	.23	.23	.22	
3	.24	.23	.21	.24	.22	.21	.23	.22	.21	.22	.21	.22	.21	.20	.22	
4	.22	.21	.19	.22	.20	.19	.21	.20	.19	.21	.20	.19	.20	.19	.19	
5	.21	.19	.18	.20	.19	.17	.20	.18	.17	.19	.18	.17	.19	.18	.17	
6	.19	.17	.16	.19	.17	.16	.18	.17	.16	.18	.17	.16	.18	.17	.16	
7	.18	.15	.15	.17	.16	.15	.17	.16	.15	.17	.15	.14	.16	.15	.14	
8	.16	.15	.13	.16	.15	.16	.16	.14	.13	.16	.14	.13	.15	.14	.13	
9	.15	.14	.12	.15	.14	.12	.15	.13	.12	15	.13	.12	.14	.13	.12	
10	.14	.13	.11	.14	.13	.11	.14	.12	.11	.14	.12	.11	.14	.12	.11	

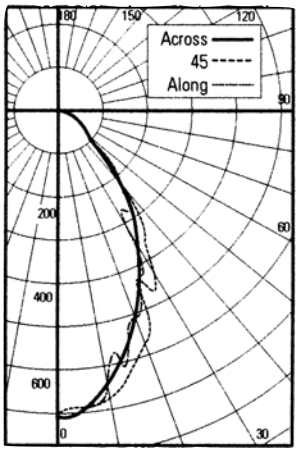
ROOM CAVITY RATIO

20% FLOOR CAVITY REFLECTANCE
Conversion Factors: Aluminum Cross Blade, C.U. x 0.7.

26W

Spacing Ratio = 0.9

CERTIFIED TEST REPORT NO. LSI
CALCULITE COMPACT FLUORESCENT
DIFFUSE REFLECTOR WITH WHITE PAINTED 4 CELL LOUVER
2-26W SLVANIA DULUX D/E FLUORESCENT LAMPS, LUMEN RATING = 1800 LMS



	CANDLEPOWER					
ANGLE	ALONG	22.5	45	67.5	ACROSS	LUMENS
0	705	705	705	705	705	
5	686	697	698	709	697	67
10	679	687	667	664	648	
15	53.	584	612	5[illegible]	582	167
20	574	564	507	521	506	
25	431	483	420	441	434	209
30	434	407	[illegible]	[illegible]	[illegible]	
35	338	327	284	283	29[illegible]	183
40	213	215	205	215	[illegible]	
45	17[illegible]	161	152	162	156	12[illegible]
50	10[illegible]	110	108	113	109	
55	84	83	82	84	83	75
60	66	65	66	6[illegible]	65	
65	52	51	51	51	51	51
70	39	38	[illegible]	38	[illegible]	
75	27	27	27	[illegible]	27	27
80	16	[illegible]	16	16	16	
85	7	7	7	7	7	8
[illegible]	0	0	0	0	0	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	441	12.27	48.51
0-40	624	17.36	98.63
0-60	823	22.88	90.47
0-90	910	25.[illegible]	100.00
40-90	286	7.94	31.37
60-90	287	2.42	9.57
90-180	0	.00	.00
0-180	910	25.[illegible]	100.00

**** EFFICIENCY =25.3% ****
DATE JUL 30, 1996

Coefficients of Utilization

% EFFECTIVE CEILING CAVITY REFLECTANCE

	80			70			50			30			10			0
	% WALL REFLECTANCE															
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
1	.27	.27	.26	.27	.26	.26	.25	.25	.25	.25	.24	.24	.24	.24	.23	.3
2	.25	.24	.23	.25	.24	.23	.24	.23	.22	.23	.22	.22	.22	.22	.21	.2
3	.23	.22	.20	.23	.21	.20	.22	.21	.20	.21	.20	.20	.21	.20	.19	.19
4	.21	.20	.19	.21	.20	.18	.21	.19	.18	.20	.19	.18	.19	.19	.18	.19
5	.20	.18	.17	.19	.18	.17	.19	.18	.17	.19	.17	.16	.18	.17	.16	
6	.18	.17	.15	.18	.16	.15	.18	.16	.15	.17	.16	.15	.17	.16	.15	
7	.17	.15	.14	.17	.15	.14	.15	.15	.14	.16	.15	.14	.16	.15	.14	
8	.16	.14	.13	.16	.14	.13	.15	14	.13	.15	.14	.13	.15	.14	.13	
9	.15	.13	.12	.15	.13	.12	.14	.13	.12	.14	.13	.12	.14	.13	.12	
10	.14	.13	.11	.14	.12	.11	.13	.12	.11	.13	.12	.11	.13	.12	.11	

ROOM CAVITY RATIO

20% FLOOR CAVITY REFLECTANCE
Conversion Factors: Aluminum Cross Blade, C.U. x 0.7

Job Information **Type:**

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